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OCT 09 2006

Serial No. 09/827,226
67108-043; Wong I

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marcus Wong

Serial No.: 09/827,226

Examiner: Shiferaw, Eleni A.

Filed: April 5, 2001

Group Art Unit: 2136

Title: SYSTEM AND METHOD FOR PROVIDING SECURE COMMUNICATIONS
BETWEEN WIRELESS UNITS USING A COMMON KEYREQUEST FOR RECONSIDERATIONMail Stop AF
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is responsive to the Office Action mailed on August 7, 2006. Applicant respectfully requests reconsideration of this application.

Applicant appreciates the Examiner's remarks in the most recent Office Action. Applicant would like to point out to the Examiner that the *Hwang* 99 reference does not teach a common key (CK) that is generated from the session key – decryption key of that reference. While a terminal chooses two random numbers and adds them together as a session key – decryption key (page 1470, step 1 and step 4), the network center (NC) chooses a completely separate “non zero random number CK as the common secret session key” (page 1471, step 7). The random number for CK has no relationship to the random numbers *r*. In other words, choosing the random number of step 7 in *Hwang* 99 is in no way a function of the random numbers chosen in steps 1 and 4. Therefore, CK is not generated as a function of any session key.

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